

JP 89025725 : Mixed live vaccine for Japanese Encephalitis Virus
, ZH Biseibutsu Kagaku Ken , May 1989

Mixed live vaccine for Japanese encephalitis virus-hog parvovirus infectious disease comprises a mixt. of virus liq. obtd. by culturing attenuated Japanese encephalitis virus in culture cells and virus liq. obtd. by culturing attenuated hog parvovirus in culture cells.

Pref. as culture cells used for cultivation of attenuated Japanese encephalitis virus there are e.g. culture cells from hog kidney, from hamster kidney or lung, chick embryo, established cells from said cells. As culture cells used for cultivation of attenuated hog parvovirus there are e.g., cells from hog kidney, from hogs thyroid, from hog lung and established cells from said cells. The ratio of blend attenuated Japanese encephalitis virus liq. to attenuated hog parvovirus liq. is determined based on virus content in each virus liq., and is generally 1:1-1:4. The mixed vaccine liq. can be prepd. by mixing each virus liq. and adding stabiliser comprising aq. soln. contg. lactose (about 10 wt.%) and polyvinylpyrrolidone (about 0.3 wt.%), followed by freeze-drying.

ADVANTAGE - Eternal immunity is obtd. by one injection by use of the present vaccine. The vaccine is safe to pregnant hog, and is effective in prevention of delivery of stillborn child accompanied by injection with Japanese encephalitis virus and hog parvovirus. @13pp